

ABSTRACT OF THE DISCLOSURE

A reflected or transmitted light scanner includes an illumination device for illuminating image material, a carrier for holding the image material, and a recording device for recording the light transmitted through the image material and for pixel by pixel conversion of the light into electric signals that can be used to generate original image signals in several colors as well as a defect signal. The reflected or transmitted light scanner further comprises a memory device for storing the image and defect signals, pixel by pixel; a computing device for generating low-pass signals from the image signals; a memory device for storing the low-pass signals, pixel by pixel; and a correction device for selecting between the image signal and the low-pass signal, or a combination of image signal and low-pass signal, for each pixel, in dependence upon the value or the position of the defect signal for the respective pixel.